

ABSTRACT OF THE DISCLOSURE

An exhaust gas purifying equipment for a diesel engine comprising a first continuous regeneration type DPF (12) in an exhaust passage (7) of an engine (2), a second continuous regeneration type DPF (13) in a bypass passage (101), a switching valve (102) for switching the flow path of an exhaust gas, an exhaust temperature raising means, an exhaust temperature area detection means, and a control means for controlling the exhaust temperature raising means and the switching valve (102), wherein the control means operates the exhaust temperature raising means and at the same time executes the post-injection, and, furthermore, controls the switching valve (102) so that the exhaust gas passes through the second continuous regeneration type DPF (13), in the case where the exhaust temperature area of an engine (2) detected by the exhaust temperature area detection means is in an extremely low temperature area (Z2) of which the exhaust temperature is lower than that of a predetermined temperature area.

Thereby, even under an environment such as a very cold land, the PM collected by the DPF can be made burn steadily and continuously over the whole operating range of an in-vehicle diesel engine.

Selected drawing: Fig. 9